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EDITORIAL.

THE winter meeting of the Geological Society of America held at Baltimore December 27, 28 and 29 was largely attended, and marked interest was manifested in the papers presented. The foremost thought of all on assembling was the irreparable loss the Society had sustained in the death of Professor G. H. Williams, to whose interest and influence the holding of the session at Baltimore at this time was chiefly due; and the first act of the Society, after the usual opening addresses and preliminary business, was to pay a fitting tribute to his memory. A very graceful and appreciative sketch of his life and labors was presented by Professor William B. Clark, to which several members of the Society who had been most intimately associated with Professor Williams added earnest and sympathetic expressions of their esteem and admiration. An appropriate memorial to Amos Bowman was presented by his colleague of the Canadian Survey, Mr. H. M. Ami.

The program embraced forty-eight titles. With a very few exceptions—and these in part due to illness—the authors of the papers were present and the papers actually read and discussed. The habit of sending in titles of papers yet unborn, and of appearing by name but not in person, has fortunately found little expression at the winter meetings of the Society, and at this session was reduced to a minimum.

The distribution of subjects is worthy of study as indicating the drift of interest and activity. About 18 per cent. of the papers may be classed as predominantly structural. It was notable, however, that in a large number of these, the structural features were but an obvious groundwork for dynamical inferences. Very few were simply descriptive in purpose, though the authors rarely pressed conclusions, preferring apparently to leave

the inferences to enforce themselves. Of purely dynamical papers there were scarcely 5 per cent. though the dynamical factor was obviously a vital element in a large percentage of the other papers. Of papers treating of regional geology there were about 6 per cent. and of formational geology about 15 per cent. The petrological group was *facile princeps*, leading all other classes by a wide margin, and constituting nearly one-fourth of the whole. Glacial titles embraced one-sixth of the whole; the palæontologic and the physiographic, one-twenty-fourth each; while chronology and nomenclature were represented by one paper each.

The over-crowded state of the program was happily relieved by the formation of a temporary subsection of petrology before which the technical petrographic papers were read, while those that embraced structural and dynamical phases of general interest were presented to the whole society. This is a precedent which will doubtless be followed to advantage in the future.

The following is a list of the papers presented:

- On certain Features in the Jointing and Veining of the Lower Silurian Limestones near Cumberland Gap, Tenn. *N. S. Shaler.*
- The Appalachian Type of Folding in the White Mountain Range of Inyo Co., Cal. *C. D. Walcott.*
- New Structural Features in the Appalachians. *Arthur Keith.*
- The Faults of Chazy Township, Clinton Co., N. Y. *H. P. Cushing.*
- The Formation of Lake Basins by Wind. *G. K. Gilbert.*
- The Tepee Buttes. *G. K. Gilbert and F. P. Gulliver.*
- Remarks on the Geology of Arizona and Sonora. *W. J. McGee.*
- Geology of the Highwood Mountains, Montana. *Walter H. Weed and Louis V. Pirsson.*
- Genesis and Structure of the Ozark uplift. *Charles R. Keyes.*
- The Geographical Evolution of Cuba. *J. W. Spencer.*
- Recent Glacial Studies in Greenland (Presidential address). *T. C. Chamberlin.*
- Observations on the Glacial Phenomena of Newfoundland, Labrador and Southern Greenland. *G. Frederick Wright.*
- Highland Level Gravels in northern New England. *C. H. Hitchcock.*
- Variations of Glaciers. *Harry Fielding Reid.*
- Discrimination of Glacial Accumulation and Invasion. *Warren Upham.*
- Climatic Conditions shown by North American Interglacial deposits. *Warren Upham.*

- Glacial Lakes of Western New York. *H. L. Fairchild.*
Lake Newberry, the Successor of Lake Warren. *H. L. Fairchild.*
Notes on the Glaciation of Newfoundland. *T. C. Chamberlin.*
The Pre-Cambrian Floor in the Northwestern States. *C. W. Hall.*
A further Contribution to our Knowledge of the Laurentian. *Frank D. Adams.*
The Crystalline Limestones, Ophiolites and associated Schists of the Eastern Adirondacks. *J. F. Kemp.*
Lower Cambrian Rocks in Eastern California. *Chas. D. Walcott.*
Devonian Fossils in Carboniferous Strata. *H. S. Williams.*
The Pottsville Series along New River, West Virginia. *David White.*
The Cretaceous Deposits of the northern half of the Atlantic Coastal Plain. *William B. Clark.*
Stratigraphic Measurement of Cretaceous Time. *G. K. Gilbert.*
Notes on the Cretaceous of Western Texas and Coahuila, Mexico. *E. T. Dumble.*
The Marginal Development of the Miocene in eastern New Jersey. *William B. Clark.*
Sedimentary Geology of the Baltimore Region. *N. H. Darton.*
The Surface Formations of southern New Jersey. *Rollin D. Salisbury.*
On New Forms of Marine Algæ from the Trenton Limestone, with Observations on *Buthograptus Laxus*, Hall. *R. P. Whitfield.*
Spherulitic Volcanics at North Haven, Maine. *W. S. Bayley.*
The Peripheral Phases of the Great Gabbro Mass of northeastern Minnesota. *W. S. Bayley.*
The Contact Phenomena at Pigeon Point, Minnesota. *W. S. Bayley.*
The Relation of Grain to Distance from Margin in Certain Rocks. *Alfred C. Lane.*
Crystallized Slags from Copper-Smelting. *Alfred C. Lane.*
On the Honeycombed Limestones in the Bottom of Lake Huron. *Robert Bell.*
On the Nomenclature of the Fine-Grained Siliceous Rocks. *Leon S. Griswold.*
On Some Dykes Containing "Huronite." *Alfred E. Barlow.*
The Characteristic Features of the California Gold Quartz Veins. *Waldemar Lindgren.*
On the Quartz-keratophyre and its associated Rocks of the Baraboo Bluffs, Wisconsin. *Samuel Weidman.*
The Granites of Pike's Peak, Colorado. *Edward B. Mathews.*
The Crystalline Limestones and associated Rocks of the northwest Adirondack Region. *C. H. Smyth, Jr.*
On the Decomposition of the Granitic Rocks of the District of Columbia. *George P. Merrill.*
The Geological Relations of the Tennessee Phosphates. *C. Willard Hayes.*
Ancient Physiography as Represented in Sediments. *Bailey Willis.*
A New Intrusive Rock near Syracuse, New York. *N. H. Darton and J. F. Kemp.*